

A LIST OF THE GENERA AND SUBGENERA OF THE ALEYRODIDAE.

BY E. A. DREWS AND W. W. SAMPSON, University of California,
Berkeley, Calif.

Due to the gradually increasing economic importance of the family Aleyrodidae numerous workers are today being attracted to the study of this family. Owing to the difficulty in ferreting out the widely separated publications in which the new genera have been described it has been deemed advisable to gather together the genera and subgenera into a list. Thanks are due Professor E. O. Essig and Dr. E. G. Linsley for valuable suggestions.

1. Genus ACANTHALEYRODES Takahashi.

Takahashi, 1931, Jour. Soc. of Trop. Agric., 3: 20.
Type.—*A. calicarpae* Takahashi.

2. Genus ACANTHOBEMISIA Takahashi.

Takahashi, 1935, Kontyu, 19: 25.
Type.—*A. distylii* Takahashi.

3. Genus AFRICALEURODES Dozier.

Dozier, 1934, Ann. Mag. Nat. Hist., (10) 14: 187.
Type.—*A. coffeacola* Dozier.

4. Genus ALEUROCANTHUS Quaintance & Baker.

Quaint. & Baker, 1914, Tech. Ser. No. 27, Pt. 2, Bur. Ent.,
U.S.D.A., p. 102.
Type.—*Aleyrodes spiniferus* Quaintance.

5. Genus ALEUROCERUS Bondar.

Bondar, 1923, Ind. & Obras Publ. da Bahia, Sec. Patol. Veg.,
p. 156.
Type.—*A. luxuriosus* Bondar.

6. Genus ALEUROCHITON Tullgren.

Tullgren, 1907, Ark. f. Zool., 3(26): 14.
Type.—*Chermes aceris ovatus* Geoffroy.

7. Genus ALEUROCLAVA Singh.

Singh, 1931, Dept. Agric. India, Ent. Ser., 12: 90.
Type.—*A. complex* Singh.

8. Genus ALEUROGLANDULUS Bondar.

Bondar, 1923, Ind. & Obras Publ. da Bahia, Sec. Patol. Veg., p. 121.

Type.—*A. subtilis* Bondar.

9. Genus ALEUROCYBOTUS Quaintance & Baker.

Quaint. & Baker, 1914, Tech. Ser. No. 27, Pt. 2, Bur. Ent., U.S.D.A., p. 101.

Type.—*Aleurodes graminicolus* Quaintance.

10. Genus ALEURODICUS Douglas.

Douglas, 1892, Ent. Mo. Mag., (2) 3: 32.

Type.—*A. anonae* Morgan.

Subgenus ALEURODICUS Quaintance & Baker.

Quaint. & Baker, 1913, Tech. Ser. No. 27, Pt. 1, Bur. Ent., U.S.D.A., p. 42.

Type.—*A. (Aleurodicus) anonae* Morgan.

Subgenus LECANOIDES Quaintance & Baker.

Quaint. & Baker, 1913, Tech. Ser. No. 27, Pt. 1, Bur. Ent., U.S.D.A., p. 70.

Type.—*A. (Lecanoides) giganteus* Quaintance & Baker.

11. Genus ALEUROLOBUS Quaintance & Baker.

Quaint. & Baker, 1914, Tech. Ser. No. 27, Pt. 2, Bur. Ent., U.S.D.A., p. 108.

Type.—*Aleurodes marlatti* Quaintance.

12. Genus ALEUROMARGINATUS Corbett.

Corbett, 1935, Ann. Mag. Nat. Hist., (10) 16(92): 246.

Type.—*A. tephrosiae* Corbett.

13. Genus ALEUROMIGDA (Author unknown).

Singh, 1931, Memoirs Dept. of Agri. India, Ent. Series, 12: 8.

Singh, in his chart of the genera of the subfamily Aleyrodinae, cites *Aleuromigda*. No further mention is made of it as regards author or type; nor is there any record of it in the literature at our disposal.

14. Genus ALEURONUDUS Hempel.

Hempel, 1922, Not. Prelim. Rev. Mus. Paulista, 2: 5. (Not seen.)

Bondar, 1923, Ind. & Obras Publ. da Bahia, Sec. Patol. Veg., p. 85. (*Pentaleurodicus*.)

Costa Lima, 1928, Suppl. Mem. Inst. Oswaldo Cruz, 4: 137.
(Synonymy.)

Type.—*A. induratus* Hempel.

The studies of da Costa Lima have shown that there was no reason for the erection of *Pentaleurodicus* Bondar, since the type of *Aleuronudus* is the same as that of *Pentaleurodicus*; the former was erected first and is valid, the latter, *Pentaleurodicus* becomes a synonym of *Aleuronudus*.

15. Genus ALEUROPARADOXUS Quaintance & Baker.

Quaint. & Baker, 1914, Tech. Ser. No. 27, Pt. 2, Bur. Ent., U.S.D.A., p. 104.

Type.—*Aleyrodes iridescens* Bemis.

16. Genus ALEUROPLATUS Quaintance & Baker.

Quaint. & Baker, 1914, Tech. Ser. No. 27, Pt. 2, Bur. Ent., U.S.D.A., p. 98.

Type.—*Aleurodes quercus-aquaticae* Quaintance.

Subgenus ORCHAMUS Quaintance & Baker.

Quaint. & Baker, 1917, Proc. U. S. Nat. Mus., 51: 400.

Type.—*Aleuroplatus (Orchamus) mammaeferus* Quaintance & Baker.

Subgenus ALEUROPLATUS Quaintance & Baker.

Quaint. & Baker, 1917, Proc. U. S. Nat. Mus., 51: 382.

Type.—*Aleuroplatus (Aleuroplatus) quercus-aquaticae* (Quaintance).

17. Genus ALEUROPOROSUS Corbett.

Corbett, 1935, Jour. Mus. Fed. Malay States, 17(4): 844.

Type.—*A. lumpurensis* Corbett.

18. Genus ALEUROPUTEUS Corbett.

Corbett, 1935, Jour. Mus. Fed. Malay States, 17(4): 846.

Type.—*A. perseae* Corbett.

19. Genus ALEUROTHRIXUS Quaintance & Baker.

Quaint. & Baker, 1914, Tech. Ser. No. 27, Pt. 2, Bur. Ent., U.S.D.A., p. 103.

Type.—*Aleyrodes howardi* Quaintance.

Subgenus ALEUROTHRIXUS Quaintance & Baker.

Quaint. & Baker, 1917, Proc. U. S. Nat. Mus., 51: 402.

Type.—*Aleurothrixus (Aleurothrixus) howardi* (Quaintance).

Subgenus PHILODAMUS Quaintance & Baker.

Quaint. & Baker, 1917, Proc. U. S. Nat. Mus., 51: 404.

Type.—*Aleurothrixus (Philodamus) interrogationis* (Bemis).

20. Genus ALEUROTRACHELUS Quaintance & Baker.

Quaint. & Baker, 1914, Tech. Ser. No. 27, Pt. 2, Bur. Ent., U.S.D.A., p. 103.

Type.—*Aleurodes tracheifer* Quaintance.

21. Genus ALEUROTITHIUS Quaintance & Baker.

Quaint. & Baker, 1914, Tech. Ser. No. 27, Pt. 2, Bur. Ent., U.S.D.A., p. 106.

Type.—*A. timberlakei* Quaintance & Baker.

22. Genus ALEUROTUBERCULATUS Takahashi.

Takahashi, 1932, Report, Dept. of Agri., Formosa, 59: 20.

Type.—*A. gordoniae* Takahashi.

23. Genus ALEUROTULUS Quaintance & Baker.

Quaint. & Baker, 1914, Tech. Ser. No. 27, Pt. 2, Bur. Ent., U.S.D.A., p. 101.

Type.—*Aleurodes nephrolepidis* Quaintance.

24. Genus ALEYRODES Latreille.

Latreille, 1795, Magasin Encycl., 2: 304.

Latreille, 1804, Hist. Nat. Crustacés et Insèctes, 12: 347.

Latreille, 1807, Genera, 3: 174.

Latreille, 1810, Considerations Générales sur les insèctes, pp. 265, 434.

Type.—*Phalaena tineae prolella* L.

25. Genus ASIALEYRODES Corbett.

Corbett, 1935, Jour. Mus. Fed. Malay States, 17(4): 841.

Type.—*A. lumpurensis* Corbett.

26. Genus ASTEROCHITON (Maskell) Quaintance & Baker.

Maskell, 1878, Trans. New Zealand Inst., 11: 214.

Quaint. & Baker, 1914, Tech. Ser. No. 27, Pt. 2, Bur. Ent., U.S.D.A., p. 98. (*Dialeurodoidea*.)

Quaint. & Baker, 1915, Contents and Index, Tech. Ser. No. 27, Bur. Ent., U.S.D.A., p. XI. (Synonymy.)

Type.—*A. aureus* Maskell.

In their "Contents and Index" of their "Classification of the

Aleyrodidae," Quaintance & Baker explain the change of names. None the less, some of the recent workers still use the name *Dialeurodoides* Quaintance and Baker.

27. Genus BAKERIUS Bondar.

Bondar, 1923, Ind. & Obras Publ. da Bahia, Sec. Patol. Veg., p. 35.

Type.—*B. phrygilanthi* Bondar.

28. Genus BEMISIA Quaintance & Baker.

Quaint. & Baker, 1914, Tech. Ser. No. 27, Pt. 2, Bur. Ent., U.S.D.A., p. 99.

Type.—*Aleurodes inconspicua* Quaintance.

29. Genus BULGARIALEURODES Corbett.

Corbett, 1936, Proc. Roy. Ent. Soc. of London (B), 5: 18.

Type.—*B. rosae* Corbett.

30. Genus CERALEURODICUS Hempel.

Hempel, 1922, Not. Prelim. Rev. Mus. Paulista, 2: 6. (Not seen.)

Bondar, 1923, Ind. & Obras Publ. da Bahia, Sec. Patol. Veg., p. 13. (*Radialeurodicus*.)

Costa Lima, 1928, Suppl. Mem. Inst. Oswaldo Cruz, 4: 137. (Synonymy.)

Type.—*C. splendidus* Hempel.

In 1923, in "The Aleyrodidae of Brazil," Bondar assigned to his newly erected genus *Radialeurodicus* the new species *cinereus*. This species he said was the same as that of Hempel in the latter's new genus *Ceraleurodicus*, except that the adult was of another species. Upon this and several other grounds he said that this genus and some others did not represent what they purported to. For this reason he erected his new genus and species. But as da Costa Lima has pointed out that this cannot hold, and *Radialeurodicus* becomes a synonym of *Ceraleurodicus*.

31. Genus COBRETTIA Dozier.

Dozier, 1934, Ann. Mag. Nat. Hist., (10) 14(80): 190.

Type.—*C. milletticola* Dozier.

32. Genus DIALEURODES (Cockerell) Quaintance & Baker.

Cockerell, 1902, Proc. Acad. Nat. Sci. Philadelphia, 54: 283.

Quaint. & Baker, 1914, Tech. Ser. No. 27, Pt. 2, Bur. Ent., U.S.D.A., p. 97.

Type.—*Aleyrodes citri* Riley & Howard (= *A. citri* Ashmead).

Subgenus DIALEURODES Cockerell.

Cockerell, 1902, Proc. Acad. Nat. Sci. Philadelphia, 54: 283.

Type.—*Aleyrodes citri* Riley & Howard.

Subgenus DIALEUROLONGA Dozier.

Dozier, 1928, Jour. Agri. Res., 36: 1001.

Type.—*Dialeurodes (Dialeurolonga) elongata* Dozier.

Subgenus DIALEURONOMADA Quaintance & Baker.

Quaint. & Baker, 1917, Proc. U. S. Nat. Mus., 51: 424.

Type.—*Dialeurodes (Dialeuronomada) dissimilis* Quaintance and Baker.

Subgenus DIALEUROPLATA Quaintance & Baker.

Quaint. & Baker, 1917, Proc. U. S. Nat. Mus., 51: 435.

Type.—*Dialeurodes (Dialeuroplata) townsendi* Quaintance & Baker.

Subgenus GIGALEURODES Quaintance & Baker.

Quaint. & Baker, 1917, Proc. U. S. Nat. Mus., 51: 426.

Type.—*Dialeurodes (Gigaleurodes) maxima* Quaintance & Baker.

Subgenus RABDOSTIGMA Quaintance & Baker.

Quaint. & Baker, 1917, Proc. U. S. Nat. Mus., 51: 425.

Type.—*Dialeurodes (Rabdostigma) radiilinealis* Quaintance & Baker.

Subgenus RHACHISPHORA Quaintance & Baker.

Quaint. & Baker, 1917, Proc. U. S. Nat. Mus., 51: 430.

Type.—*Dialeurodes (Rhachisphora) trilobitoides* Quaintance & Baker.

Subgenus RUSOSTIGMA Quaintance & Baker.

Quaint. & Baker, 1917, Proc. U. S. Nat. Mus., 51: 420.

Type.—*Dialeurodes (Rusostigma) radiirugosa* Quaintance & Baker.

33. Genus DIALEURODICUS (Cockerell) Quaintance & Baker.

Cockerell, 1902, Proc. Acad. Nat. Sci. Philadelphia, 54: 280.

Quaint. & Baker, 1913, Tech. Ser. No. 27, Pt. 1, Bur. Ent., U.S.D.A., p. 26

Type.—*Aleurodicus cockerellii* Quaintance.

34. Genus DIALEURODOIDES Quaintance & Baker.

(See *Asterochiton*.)

35. Genus DIALEUROPORA (Quaintance & Baker) Takahashi.

Quaint. & Baker, 1917, Proc. U. S. Nat. Mus., 51: 434.

Takahashi, 1934, Report, Dept. of Agri., Formosa, 63: 46.

Type.—*Dialeurodes (Dialeuropora) decempuncta* Quaintance & Baker.

36. Genus EUDIALEURODICUS Quaintance & Baker.

Quaint. & Baker, 1915, Ann. Ent. Soc. America, 8: 369.

Type.—*E. bodkini* Quaintance & Baker.

37. Genus HEXALEURODICUS Bondar.

Bondar, 1923, Ind. & Obras Publ. da Bahia, Sec. Patol. Veg., p. 84.

Type.—*H. jaciae* Bondar.

38. Genus LAINGIELLA Corbett.

Corbett, 1926, Bull. Ent. Research, 16(3): 283.

Type.—*L. bambusae* Corbett.

39. Genus LEONARDIUS Quaintance & Baker.

Quaint. & Baker, 1913, Tech. Ser. No. 27, Pt. 1, Bur. Ent., U.S.D.A., p. 33.

Type.—*Aleurodicus lahillie* Leonardi.

40. Genus LUEDERWALDTIANA Hempel.

Hempel, 1922, Rev. Mus. Paulista, 13: 1151.

Type.—*L. eriosemae* Hempel.

41. Genus MALAYALEYRODES Corbett

Corbett, 1935, Jour. Mus. Fed. Malay States, 17(4): 843.

Type.—*M. lumpurensis* Corbett.

42. Genus METALEURODICUS (Quaintance & Baker) Bondar.

Quaint. & Baker, 1913, Tech. Ser. No. 27, Pt. 1, Bur. Ent., U.S.D.A., p. 73.

Bondar, 1923, Ind. & Obras Publ. da Bahia, Sec. Patol. Veg., p. 81.

Type.—*Aleurodicus minima* Quaintance.

43. Genus MIXALEYRODES Takahashi.

Takahashi, 1936, Kontyu, 10: 150.

Type.—*M. polystichi* Takahashi.

44. Genus NEALEURODICUS Hempel.

Hempel, 1922, Rev. Mus. Paulista, 13: 1134.

Type.—*N. paulistus* Hempel.

45. Genus NEALEYRODES Hempel.

Hempel, 1922, Rev. Mus. Paulista, 13: 1144.

Type.—*N. bonariensis* Hempel.

46. Genus NEOALEURODES Bondar.

Bondar, 1923, Ind. & Obras Publ. da Bahia, Sec. Patol. Veg., p. 128.

Type.—*N. clandestinus* Bondar.

47. Genus NEOMASKELLIA Quaintance & Baker.

Quaint. & Baker, 1913, Tech. Ser. No. 27, Pt. 2, Bur. Ent., U.S.D.A., p. 91.

Type.—*Aleurodes comata* Maskell.

48. Genus OCTALEURODICUS Hempel.

Hempel, 1922, Not. Prelim. Rev. Mus. Paulista, 2: 7. (Not seen.)

Bondar, 1923, Ind. & Obras Publ. da Bahia, Sec. Patol. Veg., p. 27. (*Quaintancius*.)

Costa Lima, 1928, Suppl. Mem. Inst. Oswaldo Cruz, 4: 137. (Synonymy.)

Type.—*O. nitidus* Hempel.

As has been shown by da Costa Lima, *Quaintancius rubrus* Bondar is the same as *Octaleurodicus nitidus* Hempel. Since *nitidus* is the type of its genus, *Quaintancius* is synonymous with *Octaleurodicus*.

49. Genus PARALEYRODES Quaintance.

Quaintance, 1909, Tech. Ser. No. 12, pt. 9, Bur. Ent., U.S.D.A., p. 169.

Type.—*Aleurodes perseae* Quaintance.

50. Genus PEALIUS Quaintance & Baker.

Quaint. & Baker, 1914, Tech. Ser. No. 27, Pt. 2, Bur. Ent., U.S.D.A., p. 99.

Type.—*Aleyrodes maskelii* Bemis.

51. Genus PENTALEURODICUS Bondar.

(See *Aleuronudus* & *Pseudaleurodicus*.)

52. Genus PENTALEYRODES Takahashi.

Takahashi, 1937, Kontyu, 11(4): 310.

Type.—*P. cinnamoni* Takahashi.

53. Genus PSEUDALEUROLOBUS Hempel.

Hempel, 1923, Rev. Mus. Paulista, 13: 1141.

Type.—*P. jaboticabae* Hempel.

54. Genus PSEUDALEURODICUS Hempel.

Hempel, 1922, Not. Prelim. Rev. Mus. Paulista, 2: 9.

Bondar, 1923, Ind. & Obras Publ. da Bahia, Sec. Patol. Veg., p.

85. (*Pentaleurodicus*.)

Costa Lima, 1928, Suppl. Mem. Inst. Oswaldo Cruz, 4: 137.

(Synonymy.)

Type.—*P. bahiensis* Hempel.

55. Genus QUAINTEVICUS Bondar.

(See *Octaleurodicus*.)

56. Genus RADIALEURODICUS Bondar.

(See *Ceraleurodicus*.)

57. Genus SETALEYRODES Takahashi.

Takahashi, 1931, Soc. of Trop. Agri., 3: 21.

Type.—*S. mirabilis* Takahashi.

58. Genus STENALEYRODES Takahashi.

Takahashi, 1938, Trans. Nat. Hist. Soc. of Formosa, 28: 269.

Type.—*S. vinsoni* Takahashi.

59. Genus SIPHONALEYRODES Takahashi.

Takahashi, 1932, Report, Dept. of Agri., Formosa, 59: 48.

Type.—*S. formosanus* Takahashi.

60. Genus SIPHONINUS Silvestri.

Silvestri, 1915, Portici Boll. Lab. Zool. 9: 245.

Type.—*S. finitimus* Silvestri.

61. Genus SYNALEURODICUS Solomon.

Solomon, 1935, Jour. Royal Soc. W. Australia, 21: 79.

Type.—*S. hakeae* Solomon.

62. Genus TAIWANALEYRODES Takahashi.

Takahashi, Report, Dept. of Agri., Formosa, 59: 28.

Type.—*T. meliosmae* Takahashi.

63. Genus TETRALEURODES (Cockerell) Quaintance & Baker.

Cockerell, 1902, Proc. Acad. Nat. Sci. Philadelphia, 54: 283.

Quaint. & Baker, 1914, Tech. Ser. No. 27, Pt. 2, Bur. Ent., U.S.D.A., p. 107.

Type.—*Aleyrodes perileuca* Cockerell.

64. Genus TETRALICIA Harrison.

Harrison, 1917a, Vasculum, 3: 60.

Harrison, 1917b, The Entomologist, 50: 651.

Type.—*T. ericae* Harrison.

65. Genus TRIALEURODES (Cockerell) Quaintance & Baker.

Cockerell, 1902, Proc. Acad. Nat. Sci. Philadelphia, 54: 283.

Quaint. & Baker, 1914, Tech. Ser. No. 27, Pt. 2, Bur. Ent., U.S.D.A., p. 104.

Quaint. & Baker, 1915, Contents and Index, Tech. Ser. No. 27, Bur. Ent., U.S.D.A., p. XI. (Synonymy.)

Type.—*Aleyrodes pergandei* Quaintance.

66. Genus TUBERALEYRODES Takahashi.

Takahashi, 1932, Report, Dept. of Agri., Formosa, 59: 29.

Type.—*T. machili* Takahashi.

67. Genus UDAMOSELIS Enderlein.

Enderlein, 1909, Zool. Anz., 34(7/8): 231.

Type.—*U. pigmentaria* Enderlein.

68. Genus XENALEYRODES Takahashi.

Takahashi, 1936, Tenthredo, 1(2): 113. (Not seen.)

Type.—*X. artocarpi* Takahashi.

69. Genus ZAPHANERA Corbett.

Corbett, 1926, Bul. Ent. Research, 16: 282.

Type.—*Z. cyanotis* Corbett.

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